Jessica Peña Zuba
Deputy Executive Administrator
Water Supply & Infrastructure
## TWDB History

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1822</td>
<td>Central Texas colonists led by Stephen F. Austin lose their initial food crops to drought</td>
</tr>
<tr>
<td>1884</td>
<td>Settlers in West Texas return to the East after crops fail</td>
</tr>
<tr>
<td>1956</td>
<td><strong>Drought of Record:</strong> severe statewide drought</td>
</tr>
<tr>
<td>1957</td>
<td><strong>Texas Water Development Board</strong> created; statewide water planning begins</td>
</tr>
<tr>
<td>2011</td>
<td>Severe statewide drought returns</td>
</tr>
</tbody>
</table>
Regional Planning Groups analyze water supply needs on a 50-year planning horizon

- Municipalities, agriculture, industry, and power generation are all considered
- Each regional plan lists recommended water management strategies and their anticipated costs
Water Planning in Texas

1961
1968
1984
1990
1992
1997
2002
2007
2012
2017

“top down”

“bottom up”
Eligible Projects
• Recommended water management strategy projects from the state water plan.
• The plan includes a wide range of water supply and conservation strategies.

Financing Options
• Low-interest Loans
• Deferred Loans
• Board Participation
• Multi-year Commitments
SWIFT Funding Cycle

1. Submit Abridged Application
2. TWDB Staff perform prioritization & capacity modeling
3. Invitation to submit full applications
4. Application review and funding commitments
5. Applicants close on loans
Abridged Application

Asks only for the info needed for prioritization (31 TAC §363.1304)

Uses information already developed during the planning process: no new work required

No commitment associated with Abridged Application submittal

Technical assistance available throughout the process

Online option also available!
# Prioritization Criteria

<table>
<thead>
<tr>
<th>Highest Consideration</th>
<th>Max Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Population served</td>
<td>30</td>
</tr>
<tr>
<td>Diverse urban and rural Benefit</td>
<td>30</td>
</tr>
<tr>
<td>Regionalization (number of entities served in addition to the applicant)</td>
<td>30</td>
</tr>
<tr>
<td>Percentage of water supply needs met by the project</td>
<td>30</td>
</tr>
</tbody>
</table>

“Highest Consideration” Score Capped at 50 Points

<table>
<thead>
<tr>
<th>Additional Criteria</th>
<th>Max Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local contribution</td>
<td>5</td>
</tr>
<tr>
<td>Financial Capacity</td>
<td>2</td>
</tr>
<tr>
<td>Emergency Need</td>
<td>5</td>
</tr>
<tr>
<td>Readiness to Proceed</td>
<td>8</td>
</tr>
<tr>
<td>Demonstrated or projected conservation</td>
<td>15</td>
</tr>
<tr>
<td>Regional planning group priority rank</td>
<td>15</td>
</tr>
</tbody>
</table>

“Additional Criteria” Max Subtotal: 50 Points
SWIFT’s Impact So Far

• 46 loans closed for over $1.5 billion
• Over $143 million in savings vs. open market
Fort Worth: AMI Project

- Enhances conservation efforts while reducing operational costs
- Project includes automated leak detection
- Anticipated annual conservation savings of 9,450 acre-feet
- $76 million total SWIFT commitment; closed on $13 million in first year

Cost Savings: $821,832
Houston

4 Projects in Conjunction with Regional Water Authorities

- Subsidence and increasing demands require expanded treatment capacity
- Expansion will allow partners to meet Subsidence District regulatory requirements
- Coordinated effort among 5 separate entities
- $296 million SWIFT commitment; closed on approx. $26 million in first year

Cost savings: $3,410,753!
Marfa
Additional Water Well

- City has two existing wells, one in operation for 80 years.
- Older well’s pump is lodged in casing, preventing repair.
- Additional well will expand capacity and can provide suitable backup in case older well fails.
- $705,000 SWIFT commitment.

Cost savings: $87,888!
2017 SWIFT Funding Cycle

December
Dec. 1 – Abridged Application period begins

February
Feb. 3 – Abridged Application period closes

Spring
• Board considers prioritization of abridged applications
• Board identifies amount available by category, establishes financing structure and subsidy terms
• Invitations extended to submit full applications
• Entities complete and submit full applications

Summer
• Board considers applications
• Board authorizes TWDB bond sale

Fall/Winter
• TWDB bond sale and bond closing
• Borrowers close loans
Thank You!

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